

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|------|--|------------------------------|------------------|---------|---------------------|
| S1    | 839  | (600/16).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/01/05<br>13:00 |
| S2    | 12   | ((("5613935") or<br>("4004298") or<br>("4118806") or<br>("4310001") or<br>("4769031") or<br>("5405339") or<br>("5722429") or<br>("5766042") or<br>("5810708") or<br>("5814005") or<br>("6001056") or<br>("6346071")).PN. | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/01/04<br>10:33 |
| S3    | 1    | "10799534"   | US-PGPUB;<br>USPAT           | AND              | OFF     | 2007/01/04<br>10:22 |
| S4    | 29   | (623/3.26).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/01/04<br>10:34 |
| S6    | 1    | ("6732501").PN.  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/01/04<br>10:24 |
| S7    | 12   | ("4004298"   "4118806"  <br>"4310001"   "4769031"  <br>"5405339"   "5722429"  <br>"5766042"   "5810708"  <br>"5814005"   "6001056"  <br>"6346071").PN. OR<br>("6732501").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND              | OFF     | 2007/01/05<br>12:46 |
| S8    | 13   | ("20020045846"  <br>"20020188167"  <br>"2771237"   "4182364"  <br>"4216980"   "4906234"  <br>"5676671"   "6001056"  <br>"6050975"   "6146325"  <br>"6732501"   "6892969").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR | AND              | OFF     | 2007/01/05<br>12:58 |
| S9    | 839  | (600/16).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/01/05<br>15:12 |
| S10   | 406  | S9 and pump and inlet  | US-PGPUB;<br>USPAT           | AND              | OFF     | 2007/01/05<br>15:09 |
| S11   | 25   | S9 and pump and inlet<br>and adapter   | US-PGPUB;<br>USPAT           | AND              | OFF     | 2007/01/05<br>15:10 |

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|-----|-----|--|------------------------------|-----|-----|---------------------|
| S12 | 21  | (US-20040171905-\$).did.<br>or (US-6732501-\$ or US-<br>4004298-\$ or US-4118806-<br>\$ or US-4310001-\$ or US-<br>4769031-\$ or US-5405339-<br>\$ or US-5613935-\$ or US-<br>5722429-\$ or US-5766042-<br>\$ or US-5810708-\$ or US-<br>5814005-\$ or US-6346071-<br>\$ or US-6001056-\$ or US-<br>7048681-\$ or US-4008710-<br>\$ or US-4902291-\$ or US-<br>5503615-\$ or US-5824070-<br>\$ or US-6290639-\$ or US-<br>6585635-\$).did. | US-PGPUB;<br>USPAT           | AND | OFF | 2007/01/05<br>20:41 |
| S16 | 391 | ceramic with<br>(perforations)   | US-PGPUB;<br>USPAT           | AND | OFF | 2007/01/11<br>12:15 |
| S17 | 5   | (ceramic with<br>perforations) and adapter   | US-PGPUB;<br>USPAT           | AND | OFF | 2007/01/11<br>16:58 |
| S18 | 346 | (ceramic with adapter)   | US-PGPUB;<br>USPAT           | AND | OFF | 2007/01/11<br>16:58 |
| S19 | 739 | (ceramic same adapter)   | US-PGPUB;<br>USPAT           | AND | OFF | 2007/01/14<br>22:07 |
| S20 | 59  | (Yu near Long) or (Piferi<br>near Peter) or (Parnis<br>near Steven)  | US-PGPUB;<br>USPAT           | AND | OFF | 2007/01/14<br>22:08 |
| S23 | 935 | (600/16).CCLS.   | US-PGPUB;<br>USPAT           | OR  | OFF | 2008/04/07<br>14:27 |
| S25 | 32  | (623/3.26).CCLS.   | US-PGPUB;<br>USPAT           | OR  | OFF | 2008/04/07<br>15:57 |
| S26 | 17  | (ceramic with<br>perforations) and adapt?  | US-PGPUB;<br>USPAT           | AND | OFF | 2008/04/07<br>16:06 |
| S27 | 935 | (600/16).CCLS.   | US-PGPUB;<br>USPAT           | OR  | OFF | 2008/04/07<br>16:07 |
| S28 | 28  | S27 and pump and inlet<br>and (adapt?)   | US-PGPUB;<br>USPAT           | AND | OFF | 2008/04/07<br>16:07 |
| S29 | 1   | ("6802806 ").FN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2008/04/07<br>16:11 |

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|-----|------|--|------------------------------|-----|-----|---------------------|
| S30 | 30   | ("4003382"   "4133303"   "4564014"   "4650486"   "4955856"   "5242418"   "5334153"   "5360401"   "5391172"   "5425714"   "5445646"   "5458615"   "5571135"   "5578009"   "5591138"   "5653684"   "5674192"   "5685865"   "5695469"   "5755708"   "5861010"   "5882334"   "5911728"   "6001056"   "6007478"   "6123725"   "6123726"   "6186999"   "6217548"   "6217568").<br>PN. OR ("6802806").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2008/04/07<br>16:11 |
| S31 | 42   | S27 and pump and (adapt?<br>r)   | US-PGPUB;<br>USPAT           | AND | OFF | 2008/04/07<br>16:53 |
| S32 | 961  | (600/16).CCL.S.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2008/10/01<br>08:26 |
| S33 | 457  | S32 and pump and inlet   | US-PGPUB;<br>USPAT           | AND | OFF | 2008/10/01<br>08:26 |
| S34 | 1001 | (600/16).CCL.S.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2009/04/20<br>11:26 |
| S35 | 47   | S34 and pump and (adapt?<br>r)   | US-PGPUB;<br>USPAT           | AND | OFF | 2009/04/20<br>11:26 |
| S36 | 2    | S34 and pump and (adapt?<br>r) and telescop\$  | US-PGPUB;<br>USPAT           | AND | OFF | 2009/04/20<br>11:26 |
| S37 | 1    | ("2004/0002624").URPN.   | USPAT                        | AND | OFF | 2009/04/20<br>11:37 |
| S38 | 12   | ("4004298"   "4118806"   "4310001"   "4769031"   "5405339"   "5722429"   "5766042"   "5810708"   "5814005"   "6001056"   "6346071").PN. OR ("6732501").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2009/04/20<br>11:38 |
| S39 | 11   | (607/115.ccls.) and<br>telescop\$  | US-PGPUB;<br>USPAT           | AND | OFF | 2009/04/20<br>12:34 |
| S43 | 118  | ("607".clas.) and<br>telescopic  | US-PGPUB;<br>USPAT           | AND | OFF | 2009/04/20<br>12:41 |
| S44 | 1    | "20030097051"  | US-PGPUB;<br>USPAT           | AND | OFF | 2009/04/20<br>15:26 |
| S45 | 18   | jog.in.  | US-PGPUB;<br>USPAT           | AND | OFF | 2009/04/20<br>17:14 |
| S46 | 305  | ("607".clas.) and telescop<br>\$ and extend  | US-PGPUB;<br>USPAT           | AND | OFF | 2009/04/20<br>17:16 |

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| S48 | 1    | (600/17.ccls.) and telescop<br>\$ and extend\$  | US-PGPUB;<br>USPAT           | AND | OFF | 2009/04/20<br>17:18 |
| S49 | 19   | (600/16.ccls.) and telescop<br>\$ and extend\$  | US-PGPUB;<br>USPAT           | AND | OFF | 2009/04/20<br>17:18 |
| S50 | 791  | (600/16.ccls.) and extend<br>\$   | US-PGPUB;<br>USPAT           | AND | OFF | 2009/04/20<br>17:44 |
| S51 | 40   | (600/16.ccls.) and pump<br>and (adapt?) and extend<br>\$  | US-PGPUB;<br>USPAT           | AND | OFF | 2009/04/20<br>17:45 |
| S52 | 1    | ("2004/0059178").URPN.  | USPAT                        | AND | OFF | 2009/04/20<br>18:04 |
| S53 | 3    | ((("4650486") or<br>("6123725") or<br>("6123726")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2009/04/20<br>18:09 |
| S54 | 21   | ("3766567").PN. OR<br>("4650486").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2009/04/20<br>18:21 |
| S55 | 21   | ("3409914"   "4086665"  <br>"4195623"   "4222127"  <br>"4247292"   "4581029"  <br>"4629459"   "4650486"  <br>"4759758"   "4759759"  <br>"4781716"   "4838889"  <br>"4902291"   "4925377"  <br>"5123919"   "5129789"  <br>"5133744"   "5139515"  <br>"5147385"   "5609626").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2009/04/20<br>18:24 |
| S56 | 26   | (US-20040171905-\$ or US-<br>20040002624-\$ or US-<br>20040059178-\$).did. or<br>(US-6346071-\$ or US-<br>6001056-\$ or US-5814005-<br>\$ or US-5810708-\$ or US-<br>5766042-\$ or US-5722429-<br>\$ or US-4118806-\$ or US-<br>5613935-\$ or US-5405339-<br>\$ or US-4769031-\$ or US-<br>4310001-\$ or US-4004298-<br>\$ or US-6732501-\$ or US-<br>7048681-\$ or US-6585635-<br>\$ or US-6290639-\$ or US-<br>5824070-\$ or US-4902291-<br>\$ or US-5503615-\$ or US-<br>4008710-\$ or US-3766567-<br>\$ or US-4650486-\$ or US-<br>3409914-\$).did. | US-PGPUB;<br>USPAT           | AND | OFF | 2009/04/20<br>18:30 |
| S57 | 1113 | (600/16).CCLS.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2010/09/27<br>17:31 |

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| S58 | 586 | S57 and pump and ((tube or tubing))  | US-PGPUB;<br>USPAT           | AND | OFF | 2010/09/27<br>17:32 |
| S59 | 438 | S57 and pump and ((tube or tubing) and (extending or extendable or retract or retracting or elongating or elongated or modify))  | US-PGPUB;<br>USPAT           | AND | OFF | 2010/09/27<br>17:33 |
| S60 | 119 | S57 and pump and ((tube or tubing) with (extending or extendable or retract or retracting or elongating or elongated or modify))   | US-PGPUB;<br>USPAT           | AND | OFF | 2010/09/27<br>17:33 |
| S61 | 119 | S57 and pump and ((tube or tubing) with (extending or extendable or retract or retracting or elongating or elongated or modify))   | US-PGPUB;<br>USPAT           | AND | OFF | 2010/09/27<br>17:33 |
| S62 | 119 | S57 and pump and ((tube or tubing) with (extending or extendable or retract or retracting or elongating or elongated))   | US-PGPUB;<br>USPAT           | AND | OFF | 2010/09/27<br>17:33 |
| S63 | 34  | ("3409914"   "4086665"   "4195623"   "4222127"   "4247292"   "4581029"   "4629459"   "4759758"   "4759759"   "4838889"   "4902291"   "4925377"   "5123919"   "5129789"   "5133744"   "5139515"   "5147385"   "5609626").<br>PN. OR ("5810708").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/09/27<br>17:37 |
| S64 | 11  | ("3409914").URPN.  | USPAT                        | AND | OFF | 2010/09/27<br>17:39 |
| S65 | 27  | ("3842440"   "4046137"   "4091471"   "4204524"   "4468177"   "4512726"   "4547911"   "4968293"   "4969864"   "5006104"   "5011380"   "5133743"   "5211659"   "5282850"   "5810708").PN. OR ("6264601").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/09/27<br>17:41 |

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| S66 | 14  | ("2210178"   "2305617"   "2552768"   "3168104"   "5498043"   "5810708"   "6001056"   "6146325"   "6290639"   "6346071").<br>PN. OR ("7172550").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/09/27<br>17:44 |
| S67 | 32  | ("1824168"   "2294568"   "2900998"   "3409913"   "3409914"   "3636570"   "3696674"   "4086665"   "4118806"   "4211325"   "4221360"   "4223430"   "4387879"   "4397049"   "4434811"   "4605041"   "4626243"   "4650486"   "4721109"   "4753236"   "4769032"   "4981484"   "5041131").PN. OR ("5326373").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/09/27<br>17:46 |
| S68 | 45  | ("3409914"   "3713441"   "3823705"   "3866247"   "3866609"   "3890107"   "3929971"   "4043331"   "4044404"   "4061134"   "4127706"   "4323525"   "4345414"   "4416028"   "4629458"   "4657544"   "4687482"   "4689186"   "4731073"   "4743251"   "4834746"   "4842575"   "4878908"   "4906465"   "4969896"   "4990131"   "5037377").PN. OR ("5866217").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/09/27<br>17:48 |
| S69 | 65  | ("3683926").PN. OR ("4118806").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/09/28<br>12:28 |
| S70 | 1   | ("4118806").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2010/09/28<br>12:40 |
| S71 | 2   | ((("20100161040") or ("6090140"))).PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2011/04/01<br>12:34 |
| S72 | 294 | (623/2.1).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2011/04/01<br>12:34 |
| S73 | 0   | ("2010/0161040").URPN.   | USPAT                        | AND | OFF | 2011/04/01<br>12:41 |

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|-----|-----|--|------------------------------|-----|-----|---------------------|
| S74 | 7   | ("4195623"   "5178634"  <br>"5332403"   "5509930"  <br>"5545215"),FN. OR<br>("6090140").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2011/04/01<br>12:42 |
| S75 | 129 | ("20010004575"  <br>"20010027287"  <br>"20010049553"  <br>"20020040235"  <br>"20020045846"  <br>"20020128703"  <br>"20030040765"  <br>"20030083738"  <br>"20030176830"  <br>"20030208257"  <br>"20030220684"  <br>"20040059178"  <br>"20040082910"  <br>"20040097900"  <br>"20040162608"  <br>"20040181126"  <br>"20040193004"  <br>"20040199191"  <br>"20040210202"  <br>"20040215321"  <br>"20050119688"  <br>"20050149093"  <br>"20050154411"  <br>"20050209502"  <br>"20050251187"  <br>"20050256363"  <br>"20050261759"  <br>"20060014999"  <br>"20060030747"  <br>"20060036313"  <br>"20060074271"  <br>"20060079736"  <br>"20060089707"  <br>"20060161133"  <br>"20060161193"  <br>"20070055357"  <br>"4104005"   "4397617"  <br>"4434811"   "4769031"  <br>"4790844"   "4816029"  <br>"4872874"   "5269764"  <br>"5326373"   "5330528"  <br>"5332403"   "5466216"  <br>"5511958"   "5599173"  <br>"5755770"   "5776185"  <br>"5810708"   "5871537"  <br>"5931842"   "5941908"  <br>"5965086"   "5972017"  <br>"5976178"   "6001056"  <br>"6001124"   "6013190" | US-PGPUB;<br>USPAT           | AND | OFF | 2011/04/01<br>13:09 |

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|-----|----|---|-------|-----|-----|---------------------|
|     |    | "6016810"   "6036702"  <br>"6048362"   "6059823"  <br>"6059827"   "6068654"  <br>"6074416"   "6113612"  <br>"6120432"   "6136007"  <br>"6146325"   "6152937"  <br>"6152945"   "6152956"  <br>"6186942"   "6186986"  <br>"6200260"   "6206912"  <br>"6235054"   "6261315"  <br>"6273880"   "6293965"  <br>"6299575"   "6302905"  <br>"6309416"   "6319276"  <br>"6346071"   "6352554"  <br>"6371982"   "6387037"  <br>"6390969"   "6416527"  <br>"6428424"   "6432131"  <br>"6443884"   "6450171"  <br>"6451033"   "6451048"  <br>"6475222"   "6508252"  <br>"6508822"   "6511491"  <br>"6514196"   "6533812"  <br>"6599303"   "6610004"  <br>"6620176"   "6640163"  <br>"6669720"   "6673084"  <br>"6692523"   "6702829"  <br>"6726648"   "6746463"  <br>"6749598"   "6773453"  <br>"6802806"   "6805692"  <br>"6863677"   "6920882"  <br>"6926689"   "6960219"  <br>"7025773"   "7029483"  <br>"7048681"   "7077801"  <br>"7094248").FN. |       |     |     |                     |
| S76 | 3  | ("2004/0193004").URPN.  | USPAT | AND | OFF | 2011/04/01<br>13:15 |
| S77 | 10 | ("2771237"  <br>"20020045846"  <br>"20020188167"  <br>"20040002624"  <br>"4182364"   "4216980"  <br>"4906234"   "5676671"  <br>"6001056"   "6050975"  <br>"6146325"   "6732501"  <br>"6892969").FN.   | USPAT | AND | OFF | 2011/04/01<br>13:16 |

## EAST Search History (Interference)

&lt; This search history is empty &gt;

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